

ALDRICH CHEMICAL COMPANY -- 28328-2;DI(PROPYLENE GLYCOL)METHYL ETHER,97% --  
6810-01-449-6463

===== Product Identification =====

Product ID:28328-2;DI(PROPYLENE GLYCOL)METHYL ETHER,97%

MSDS Date:07/24/1996

FSC:6810

NIIN:01-449-6463

MSDS Number: CFTJP

=== Responsible Party ===

Company Name:ALDRICH CHEMICAL COMPANY

Address:1001 WEST ST. PAUL

City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Info Phone Num

:414-273-3850

Emergency Phone Num:414-273-3850

CAGE:60928

=== Contractor Identification ===

Company Name:ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:60928

Company Name:FLUKA CHEMICAL CORP

Address:1001 WEST ST PAUL

Box:City:MILWAUKEE

State:WI

ZIP:53233

Country:US

Phone:414-273-3850

CAGE:63181

Company Name:SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508

City:ST LOUIS

State:MO

ZIP:63178

Country:US

Phone:3

14-771-5765  
CAGE:21076

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Composition/Information on Ingredients  
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Ingred Name:DIPROPYLENE GLYCOL METHYL ETHER  
CAS:34590-94-8  
RTECS #:JM1575000  
Fraction by Wt: 97%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:S, 100 PPM  
ACGIH TLV:S,100PPM/150 STEL;96

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 5135MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA  
:NO  
Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHALATION,INGESTION  
OR SKIN ABSORPTION.  
Explanation of Carcinogenicity:THIS ITEM DOES NOT CONTAIN ANY  
INGREDIENT AT 0.1% OR GREATER WHICH IS A CARCINOGEN.  
Effects of Overexposure:NONE SPECIFIED BY MFR.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MFR.

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First Aid Measures  
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First Aid:EYES:FLUSH WITH WATER UNTIL ALL TRACES OF THIS MATERIAL ARE  
GONE.SKIN:REMOVE CONTAMINATED  
CLOTHING.WASH WITH SOAP AND  
WATER.INHAL:REMOVE FROM EXPOSURE.GIVE OXYGEN OR ARTIFICIAL  
RESPIRATION IF NESCESSA RY.INGEST:DO NOT INDUCE VOMITING.GET PROMPT  
QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,WASH OUT MOUTH WITH WATER.

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Fire Fighting Measures  
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Flash Point:166F,74C  
Extinguishing Media:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE,FOAM.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL FIRE PROTECTIVE EQUIPMENT.

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Unusual Fire/Explosion Hazard:\*\*COMBUSTIBLE LIQUID\*\*

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION.USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT.VENTILATE AREA.COVER WITH DRY LIME,SODA ASH.SOAK UP WITH AN INERT,NON-COMBUSTIBLE ABSORBANT.KEEP IN A CLOSED CONTAINER.WASH SPILL AREA.

Neutralizing Agent:DRY LIME OR SODA ASH.

===== Handling and Storage =====

Handling and Storage

Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID HEAT,SPARKS AND FLAMES.

Other Precautions:AVOID EYE AND SKIN CONTACT.DO NOT INHALE MISTS/VAPORS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE A NIOSH-MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE LOCAL EXHAUST AT THE WORKSITE;GENERAL EXHAUST TO MAINTAIN TLV/PEL.

Protective Gloves:IMPERVIOUS(RUBBER,NEOPRENE).

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:APRON,COVERALLS.PROVIDE A LOCAL EYE WASH STATION AND QUICK DRENCH SHOWER.

Work Hygienic Practices:USE REASONABLE CARE WITH THIS ITEM.WASH HANDS BEFORE EATING.

Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:V4

Boiling Pt:B.P. Text:184F-196F

Vapor Pres:0.4

Spec Gravity:0.938

Appearance and Odor:COLORLESS LIQUID.

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid: YES  
STRONG ACIDS AND OXIDIZING AGENTS.  
Stability Condition to Avoid: HIGH HEAT, SOURCES OF IGNITION.  
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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